

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently amended) A device for measuring the tack of materials, comprising:
a first cylinder which is included in a frame and which is connected with a driver for driving the first cylinder in a first direction;
a second cylinder which is included in a movably arranged yoke, wherein the yoke is connected to the frame via a force measuring sensor which converts the force that the yoke and the frame exert upon each other into a corresponding measuring signal;
characterized in that the yoke is connected with the frame via a connecting element pivotable about at least two mutually non-parallel axes ~~shafts~~ about a center and that the force measuring sensor ~~are~~ is formed by a force sensor which is connected with the connecting element.
2. (Original) A device according to claim 1, wherein the yoke and the frame are, apart from surfaces of the first and second cylinder, pivotally coupled with each other solely about a single connection in the connecting element.
3. (Previously presented) A device according to claim 1, wherein the force sensor is included between the yoke and the connecting element.
4. (Previously presented) A device according to claim 1, wherein the force sensor is included between the frame and the connecting element.
5. (Previously presented) A device according to claim 1, wherein the force sensor is connected with a processor for converting the measuring signal delivered by the force sensor into one or more material-specific tack values.

6. (Previously presented) A device according to claim 5, wherein, in a first calibration step, the second cylinder is coupled via coupling component with a static mass which exerts a static force upon this second cylinder in the direction of the said first direction, in which first calibration step, a first correction value, based on the measuring signal delivered by the force sensor, is stored in the processor.

7. (Previously presented) A device according to claim 6, wherein, during the first calibration step, the outer surface of the second cylinder is uncoupled from the outer surface of the first cylinder by means of the connecting element and an uncoupling element.

8. (Currently amended) A device according to claim 56, wherein, during a second calibration step, the outer surfaces of the first cylinder and the second cylinder are directly coupled with each other while the driver is activated, in which second calibration step, a second correction value, based on the measuring signal delivered by the force sensor, is stored in the processor.

9. (Currently amended) A device according to claim 8, wherein the second calibration step is carried out at different speeds of rotation of the first cylinder and the second cylinder respectively, and for each of the different speeds of rotation of the first and second cylinders, the respective second correction value is stored in the processor.

10. (Currently amended) A device according to claim 6 wherein, during a measuring step, the outer surfaces of the first cylinder and the second cylinder are coupled with each other via a layer of a material to be tested for tack, and the driver is activated, in which measuring step, the measuring signal delivered by the force sensor is processed by the processor as a measuring value, taking into account the first ~~and/or relevant second~~ correction value stored in the processor in the first ~~and second~~ calibration step respectively.

11. (Currently Amended) A device according to claim 8 wherein, during a measuring step, the outer surfaces of the first cylinder and the second cylinder are coupled with each other via a layer of a material to be tested for tack, and the driver is activated, in which measuring step, the measuring signal delivered by the force sensor is processed by the processor as a measuring value, taking into account the first and/or-relevant second correction value stored in the processor in the first calibration step and second calibration step-respectively.

12. (Currently Amended) A device according to claim 9 wherein, during a measuring step, the outer surfaces of the first cylinder and the second cylinder are coupled with each other via a layer of a material to be tested for tack, and the driver is activated, in which measuring step, the measuring signal delivered by the force sensor is processed by the processor as a measuring value, taking into account the first and/or-relevant second correction value stored in the processor in the first calibration step and second calibration step-respectively.